



CONSTRUCTION MONITORING REPORT

Eversource Transmission Lines:
F107

**Madbury, Durham,
Newington, Portsmouth, NH**

Alteration of Terrain Permit:
SEC Docket No. 2015-004

Environmental Permit:
SEC Docket No. 2015-004

USEPA NOI Tracking No:
**NHR1000QN
NHR1000QT
NHR1000QO
NHR1000S6**

NAI Project No:
23840.39

TYPE OF INSPECTION: Weekly Storm Event Incident Corrective Action

Date: **01/27/20** Time: **8:00am** Does this report include a 0.25" storm event? Yes No
If yes, how did you determine whether a 0.25" storm event has occurred? Rain Gauge Weather Station
Storm event information is from Pease Air Force Base.

+Storm event information (approx.):	Start date: 01-25-20	Amount (inches): 1.19in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:
*

Inspector name(s), title(s) and qualifications: **Matthew Smith, Normandeau Environmental Inspector and Marc Jacobs, CPESC, NHCWS**

Others present/qualifications(s): **Sam Eames, Eversource construction representative**

Weather conditions (since last inspection): **Clear, with high temperatures in the 30's.**

Weather conditions (time of inspection & future outlook): **Clear, high temperatures in the 30's.
Future forecast is clear with a chance of snow showers over the weekend with temperatures in the 30's.**

CONSTRUCTION SITE SEQUENCING AND DISTURBANCE

Disturbed area and ongoing work (acreage & description): < 1 acre

Proceeding per approved plan? Yes No, if not, note area and explain:

Operating within phasing limitations? Yes No, if not, note area and explain:

General Comments

- Continued BMP maintenance and upkeep is a constant priority on shorelines of both sides of the Bay during the winter months.
- Housekeeping such as sweeping of timber mats and roads is a must.
- All required BMPs need to be installed before construction activities.
- All contractors on site should have a copy of the construction drawings.
- During mat removal be sure to remove any remains of silt socks etc.

Work completed this week:

- *Portsmouth*
 - *No construction activities.*
- *Newington*
 - *No construction activities.*
- *Durham.*
 - *MJ continues to drill foundation for Str. 58.*

Erosion and sediment control items and observations:

- **BMPs**
 - All required BMPs need to be installed as access roads are being built, before construction starts.
 - Rill on upper slope resulted in sediment build up at silt fence at Getchell property/west side of the Bay. Location is on the south side, at the top of slope. Routine maintenance is warranted. See Figures 11 and 12.

Corrective Action

- None

OPERATING WITHIN LIMITS?

N/A YES NO if not, please explain:

SURFACE WATER QUALITY

Storm water discharge from the site at the time of inspection? YES NO N/A
Storm water discharge consistent with water quality standards? YES NO N/A
Turbidity visually observed? YES NO

If yes, check appropriate location(s) below, and describe discharge:

Location: N/A
Pond location: N/A
Adjacent surface water or wetland: N/A

Description: N/A.

TEMPORARY EROSION AND SEDIMENT CONTROLS (TESC)

Installed and functioning per the SWPPP? YES NO N/A

Are any corrective actions required? YES NO if so, please describe?

** Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. Corrective actions are triggered only for specific, more serious conditions and require a corrective action form be filled out. Please refer to Part 5 of the CGP for additional information*

PERMANENT EROSION AND SEDIMENTATION CONTROLS

Disturbed areas must have a uniform perennial vegetative cover with 85% density, or equivalent physical stabilization, to be considered permanently stabilized (per the SWPPP).

Installed and functioning per the SWPPP? YES NO N/A

If not, explain what was not performed correctly (construction/stabilization) for each of the following categories. Detail what/where needs to be corrected, and what has been corrected since the last monitoring inspection.

If so, what areas: N/A

Areas that have been restored and mulched, but have little germination: Both sides of Little Bay. Trench between Strs. 106-107 (Frink farm-Hannah Lane). Strs. 28 & 29.

Moderate germination: Strs. 135 – 139.

Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH, and College Brook at UNH.

OTHER COMMENTS AND OBSERVATIONS:

-None other than the above comments.

CERTIFICATION:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form is completed and signed in accordance with the Signatory Requirements specified in Appendix I.11 of the NPDES CGP for the project site and NOI identified above.

Authorized signature: _____



Date: _____ 01/28/20

PHOTOGRAPHS



Fig 1: Access to Str. 71. Viewing west (01-27-20).



Fig 2: Str. 70 work area, note straw cover. Viewing east. (01-27-20).



Fig 3: Stream DS19, east of Str. 70. No turbid water visible. (01-27-20).



Fig 4: Access road through wetland DW9, between Strs. 65 and 66. Viewing west. Note stump grindings on slopes. (01-27-20).

PHOTOGRAPHS



Fig 5: Access road to Str. 58 of off route 108. Bridge through wetland DW29. Viewing west. (01-27-20).



Fig 6: Access road to Str. 47. Viewing north. (01-27-20).



Fig 7: Str. 48. Viewing north. (01-27-20).



Fig 8: Soil spoils from drilling Str. 58 spread in turtle bed area between Strs. 48 and 49. Area is enclosed with straw bales. Turtle area is not Complete. Viewing west. (01-27-20).

PHOTOGRAPHS



Fig 9: Access road between Strs. 51 and 52. Bridge over stream DS46. Viewing northeast. (01-27-20).



Fig 10: Str. 99 at Getchell property/west side of the Bay. Viewing west. (01-27-20).



Fig 11: Rill on top of slope at Getchell property/west side of the Bay. Viewing southwest. (01-27-20).



Fig 12: Sediment build-up on silt fence, runoff from rills at Getchell property/west side of the Bay. Viewing southeast. (01-27-20)

PHOTOGRAPHS



Fig 13: BMPs installed on slope at Getchell property/west side of the Bay. Viewing north. (01-27-20).



Fig 14: BMPs installed at toe of slope at Getchell property/west side of the Bay. Viewing east. (01-27-20).



Fig 15: BMPs installed on slope at Gundalow landing/east side of the Bay. Viewing west. (01-27-20).



Fig 16: Turbidity barrier in intertidal zone at Gundalow landing/east side of the Bay. Viewing west. (01-27-20).

PROJECT TEAM

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